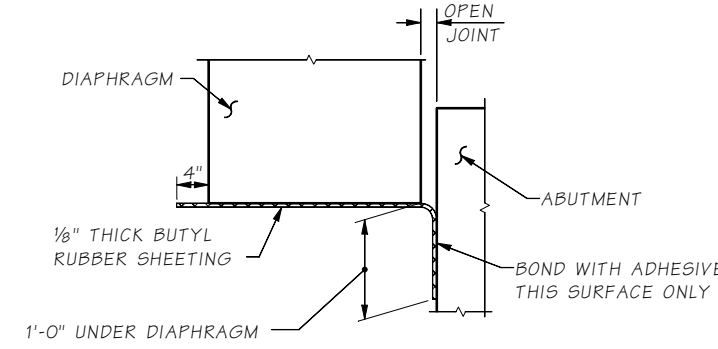


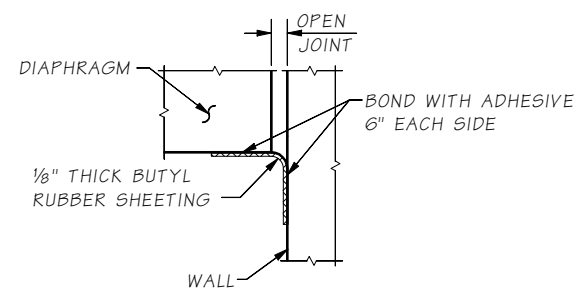
# NOTE TO DESIGNER

If ground line is less than 2'-0" minimum below the bottom of girder at front face of abutment a curtain wall shall be provided.

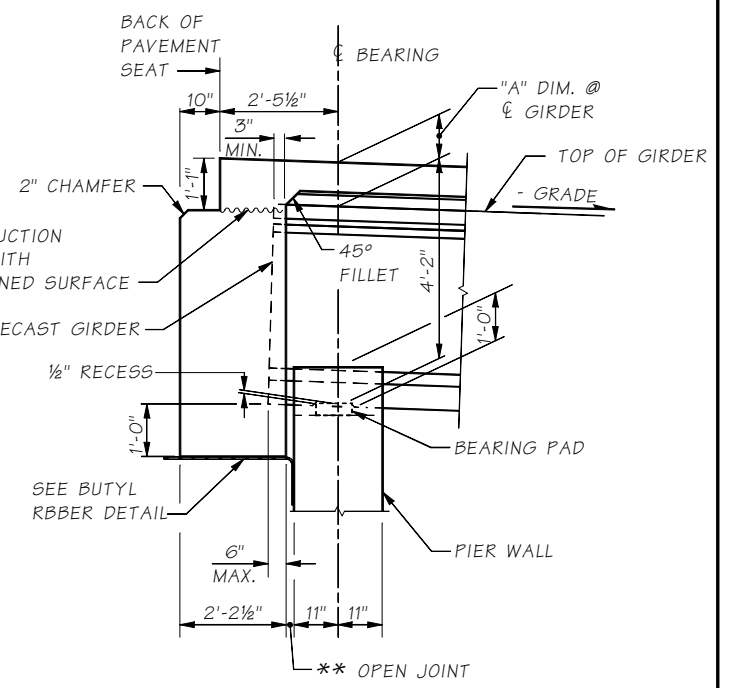
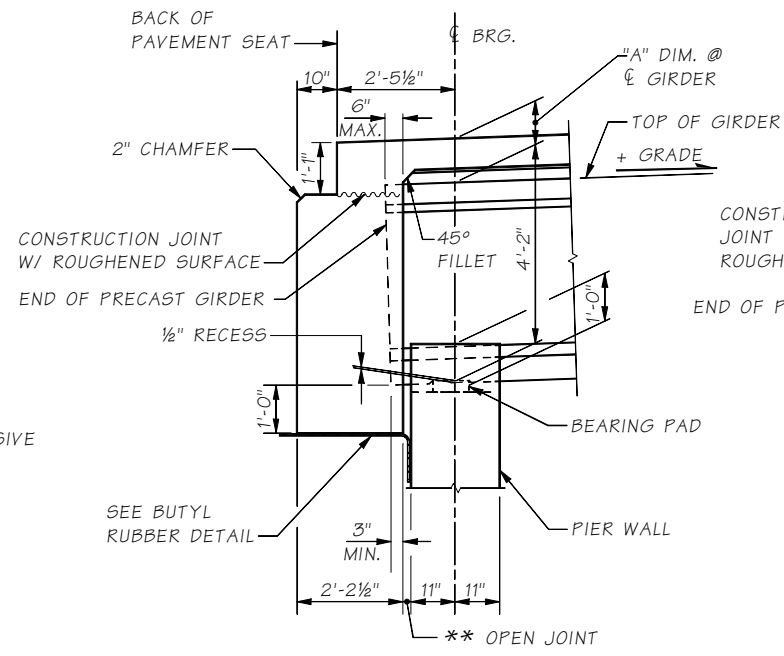
TYPICAL END DIAPHRAGM



ELEVATION  
BUTYL RUBBER @ DIAPHRAGM



PLAN VIEW  
BUTYL RUBBER @ VERTICAL JOINTS



END DIAPHRAGM GEOMETRY

SECTIONS THROUGH END DIAPHRAGMS AT END PIERS  
SEE "GIRDER DETAILS" SHEET FOR DIMENSION "A".  
ALL LONGITUDINAL DIMENSIONS ARE NORMAL TO SKEW.

BRIDGE LENGTH	JOINT
L ≤ 200	** = 1.5 IN.
200 < L ≤ 300	** = 2.0 IN.
300 < L ≤ 400	** = 2.5 IN.
L > 400	SPECIAL DESIGN

NOTE:  
GIRDERS SHALL BE HELD RIGIDLY IN PLACE WHEN DIAPHRAGMS ARE PLACED.

Bridge Design Engr.	M:\STANDARDS\Girders\I-Girders\W50G\W50G_END DIA_ON GIR.MAN	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By						
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APPD		

BRIDGE AND STRUCTURES OFFICE

Washington State Department of Transportation

STANDARD PRESTRESSED CONCRETE GIRDERS

W50G END DIAPHRAGM ON GIRDER DETAILS

BRIDGE SHEET NO.

SHEET

OF

SHEETS

5.6-A4-3